

10/618,701

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NEWS 3 JAN 27 Source of Registration (SR) information in REGISTRY updated and searchable
NEWS 4 JAN 27 A new search aid, the Company Name Thesaurus, available in CA/CAplus
NEWS 5 FEB 05 German (DE) application and patent publication number format changes
NEWS 6 MAR 03 MEDLINE and LMEDLINE reloaded
NEWS 7 MAR 03 MEDLINE file segment of TOXCENTER reloaded
NEWS 8 MAR 03 FRANCEPAT now available on STN
NEWS 9 MAR 29 Pharmaceutical Substances (PS) now available on STN
NEWS 10 MAR 29 WPIFV now available on STN
NEWS 11 MAR 29 New monthly current-awareness alert (SDI) frequency in RAPRA
NEWS 12 APR 26 PROMT: New display field available
NEWS 13 APR 26 IFIPAT/IFIUDB/IFICDB: New super search and display field available
NEWS 14 APR 26 LITALERT now available on STN
NEWS 15 APR 27 NLDB: New search and display fields available
NEWS 16 May 10 PROUSDDR now available on STN
NEWS 17 May 19 PROUSDDR: One FREE connect hour, per account, in both May and June 2004
NEWS 18 May 12 EXTEND option available in structure searching
NEWS 19 May 12 Polymer links for the POLYLINK command completed in REGISTRY
NEWS 20 May 17 FRFULL now available on STN

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| | | |
|---|---------------------|------------------|
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FILE 'USPATFULL' ENTERED AT 12:39:44 ON 17 MAY 2004
CA INDEXING COPYRIGHT (C) 2004 AMERICAN CHEMICAL SOCIETY (ACS)

FILE COVERS 1971 TO PATENT PUBLICATION DATE: 14 Feb 2002 (20020214/PD)
FILE LAST UPDATED: 14 Feb 2002 (20020214/ED)
HIGHEST GRANTED PATENT NUMBER: US6330719
HIGHEST APPLICATION PUBLICATION NUMBER: US2002019999
CA INDEXING IS CURRENT THROUGH 14 Feb 2002 (20020214/UPCA)
ISSUE CLASS FIELDS (/INCL) CURRENT THROUGH: 14 Feb 2002 (20020214/PD)
REVISED CLASS FIELDS (/NCL) LAST RELOADED: Feb 2002
USPTO MANUAL OF CLASSIFICATIONS THESAURUS ISSUE DATE: Feb 2002

>>> Page images are available for patents from 1/1/1998. Patents <<<
>>> and applications are typically loaded on the day of publication.<<<
>>> Page images are available for display by the following day. <<<
>>> Image data for the /FA field are available the following update.<<<

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>>> is included in file records. A thesaurus is available for the <<<
>>> USPTO Manual of Classifications in the /NCL, /INCL, and /RPCL <<<
>>> fields. This thesaurus includes catchword terms from the <<<
>>> USPTO/MOC subject headings and subheadings. Thesauri are also <<<
>>> available for the WIPO International Patent Classification <<<
>>> (IPC) Manuals, editions 1-6, in the /IC1, /IC2, /IC3, /IC4, <<<
>>> /IC5, and /IC (/IC6) fields, respectively. The thesauri in <<<
>>> the /IC5 and /IC fields include the corresponding catchword <<<
>>> terms from the IPC subject headings and subheadings. <<<

This file contains CAS Registry Numbers for easy and accurate substance identification.

```
=> s sunscreen? or UV
      6667 SUNSCREEN?
      138134 UV
L1      141782 SUNSCREEN? OR UV

=> s us518517/pn
L2          0 US518517/PN

=> s us5518517/pn
L3          1 US5518517/PN

=> s us5858055/pn
L4          1 US5858055/PN

=> s us5129972/pn
L5          1 US5129972/PN

=> s us4919179/pn
L6          1 US4919179/PN

=> d 13 ibib abs

L3      ANSWER 1 OF 1 USPATFULL on STN
ACCESSION NUMBER:    96:43175 USPATFULL
```

10/618,701

TITLE: Water-in-oil emulsion fertilizer compositions
INVENTOR(S): Jahnke, Richard W., Mentor, OH, United States
Forsberg, John W., Mentor, OH, United States
Pearson, Nils O., Lyndhurst, OH, United States
PATENT ASSIGNEE(S): The Lubrizol Corporation, Wickliffe, OH, United States
(U.S. corporation)

| | NUMBER | KIND | DATE | |
|-----------------------|---|------|----------|-----|
| PATENT INFORMATION: | US 5518517 | | 19960521 | <-- |
| APPLICATION INFO.: | US 1994-337804 | | 19941114 | (8) |
| DOCUMENT TYPE: | Utility | | | |
| FILE SEGMENT: | Granted | | | |
| PRIMARY EXAMINER: | Langel, Wayne | | | |
| LEGAL REPRESENTATIVE: | Engelmann, John H., Hunter, Sr., Frederick D., Shold, David M. | | | |

NUMBER OF CLAIMS: 95
EXEMPLARY CLAIM: 1
LINE COUNT: 2323

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB A non-explosive water in oil emulsion fertilizer composition comprising: a discontinuous aqueous phase comprising at least one fertilizer component; a continuous oil phase; an emulsifier comprising the reaction product of at least one succinic acylating agent and at least one co-reactant selected from the group consisting of: primary alkanol amines, secondary alkanol amines, tertiary alkanol amines, primary amines, secondary amines, tertiary amines, poly-amines, alcohols, polyols, and phenols is disclosed. The fertilizer compositions provide for delayed release of the fertilizer components.

071/064
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

=> d his

(FILE 'HOME' ENTERED AT 12:39:36 ON 17 MAY 2004)

FILE 'USPATFULL' ENTERED AT 12:39:44 ON 17 MAY 2004
L1 141782 S SUNSCREEN? OR UV
L2 0 S US518517/PN
L3 1 S US5518517/PN
L4 1 S US5858055/PN
L5 1 S US5129972/PN
L6 1 S US4919179/PN

=> d l4 ibib abs

L4 ANSWER 1 OF 1 USPATFULL on STN
ACCESSION NUMBER: 1999:3733 USPATFULL
TITLE: Water-in-oil emulsion fertilizer compositions
INVENTOR(S): Jahnke, Richard W., Mentor, OH, United States
Forsberg, John W., Mentor, OH, United States
Pearson, Nils O., Lyndhurst, OH, United States
PATENT ASSIGNEE(S): The Lubrizol Corporation, Wickliffe, OH, United States
(U.S. corporation)

| | NUMBER | KIND | DATE | |
|---------------------|----------------|------|----------|-----|
| PATENT INFORMATION: | US 5858055 | | 19990112 | <-- |
| APPLICATION INFO.: | US 1997-946399 | | 19971007 | (8) |
| DOCUMENT TYPE: | Utility | | | |
| FILE SEGMENT: | Granted | | | |

071/064

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PRIMARY EXAMINER: Langel, Wayne
LEGAL REPRESENTATIVE: Fischer, Joseph P., Cordek, James L.
NUMBER OF CLAIMS: 12
EXEMPLARY CLAIM: 1,12
LINE COUNT: 1030

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB A non-explosive water in oil emulsion fertilizer composition is provided which comprises:

a discontinuous aqueous phase comprising at least one fertilizer component;

a continuous oil phase;

an emulsifier comprising the reaction product of at least one hydrocarbyl substituted phenol with at least one amine and at least one aldehyde.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

=> d his

(FILE 'HOME' ENTERED AT 12:39:36 ON 17 MAY 2004)

FILE 'USPATFULL' ENTERED AT 12:39:44 ON 17 MAY 2004

L1 141782 S SUNSCREEN? OR UV
L2 0 S US518517/PN
L3 1 S US5518517/PN
L4 1 S US5858055/PN
L5 1 S US5129972/PN
L6 1 S US4919179/PN

=> d 15 ibib abs

L5 ANSWER 1 OF 1 USPATFULL on STN
ACCESSION NUMBER: 92:57340 USPATFULL
TITLE: Emulsifiers and explosive emulsions containing same
INVENTOR(S): Riga, Alan T., Cleveland, OH, United States
Forsberg, John W., Mentor, OH, United States
PATENT ASSIGNEE(S): The Lubrizol Corporation, Wickliffe, OH, United States
(U.S. corporation)

| | NUMBER | KIND | DATE | |
|-----------------------|----------------|------|--|---------|
| PATENT INFORMATION: | US 5129972 | | 19920714 | <- |
| APPLICATION INFO.: | US 1991-733068 | | 19910717 (7) | |
| RELATED APPLN. INFO.: | | | Continuation of Ser. No. US 1990-509399, filed on 13 Apr 1990, now abandoned which is a continuation of Ser. No. US 1989-380054, filed on 14 Jul 1989, now patented, Pat. No. US 4919178 which is a continuation-in-part of Ser. No. US 1989-367185, filed on 16 Jun 1989, now patented, Pat. No. US 4956028 which is a continuation of Ser. No. US 1986-931377, filed on 14 Nov 1986, now patented, Pat. No. US 4840687 which is a continuation-in-part of Ser. No. US 1987-137303, filed on 23 Dec 1987, now patented, Pat. No. US 4863534 , said Ser. No. 380054 which is a continuation-in-part of Ser. No. US 1988-265877, filed on 1 Nov 1988, now patented, Pat. No. US 5047175 which is a division of Ser. No. US 1987-137301, filed on 23 Dec 1987, now patented, Pat. No. US 4828633 | 516/624 |

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DOCUMENT TYPE: Utility
FILE SEGMENT: Granted
PRIMARY EXAMINER: Lechert, Jr., Stephen J.
LEGAL REPRESENTATIVE: Engelmann, John H., Hunter, Frederick D., Collins, Forrest L.
NUMBER OF CLAIMS: 106
EXEMPLARY CLAIM: 1
LINE COUNT: 3113

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB Emulsifiers are disclosed which comprise the reaction product of component (I) with component (II). Component (I) comprises the reaction product of certain carboxylic acids or anhydrides, or ester or amide derivatives thereof, with ammonia, at least one amine, at least one alkali and/or at least one alkaline-earth metal. Component (II) comprises certain phosphorus-containing acids; or metal salts of said phosphorus-containing acids, the metal being selected from the group consisting of magnesium, calcium, strontium, chromium, manganese, iron, molybdenum, cobalt, nickel, copper, silver, zinc, cadmium, aluminum, tin, lead, and mixtures of two or more thereof. These emulsifiers are useful in water-in-oil explosive emulsions.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

=> d 16 ibib abs

L6 ANSWER 1 OF 1 USPATFULL on STN
ACCESSION NUMBER: 90:31268 USPATFULL
TITLE: Water-in-oil emulsion explosive
INVENTOR(S): Chattopadhyay, Arun K., McMasterville, Canada
PATENT ASSIGNEE(S): Imperial Chemical Industries PLC, London, England
(non-U.S. corporation)

| | NUMBER | KIND | DATE | |
|---------------------|----------------|------|--------------|-----|
| PATENT INFORMATION: | US 4919179 | | 19900424 | <-- |
| APPLICATION INFO.: | US 1989-392367 | | 19890811 (7) | |

| | NUMBER | DATE |
|-----------------------|--------------------------|----------|
| PRIORITY INFORMATION: | GB 1988-22187 | 19880921 |
| DOCUMENT TYPE: | Utility | |
| FILE SEGMENT: | Granted | |
| PRIMARY EXAMINER: | Lechert, Jr., Stephen J. | |
| LEGAL REPRESENTATIVE: | Cushman, Darby & Cushman | |
| NUMBER OF CLAIMS: | 7 | |
| EXEMPLARY CLAIM: | 1 | |
| LINE COUNT: | 570 | |

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB A novel PIBSA-based surfactant is provided which has particular utility in the manufacture of water-in-oil explosive emulsions. The surfactant comprises the esterification product of polyalk(en)yl succinic anhydride and an adduct of the formula: ##STR1## where

R.sub.1 is H or --CH.sub.2 --CH.sub.2 --OH

and

R.sub.2 is selected from the group consisting of an acyl group containing 8-20 carbon atoms and a hydroxy ethyl ester of a mono- or di-carboxylic acid containing from 8-25 carbon atoms. The compound can be distinguished from the prior art PIBSA-based surfactants by virtue of

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the absence of any polyamine in its synthesis, the presence of an ester linkage and the absence of a salt linkage.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

=> s sunscreen? or uv
 6667 SUNSCREEN?
 138134 UV
L7 141782 SUNSCREEN? OR UV

=> s polyolefin?
L8 84535 POLYOLEFIN?

=> s 17 and 18
L9 14898 L7 AND L8

=> s polymer? or oligomr?
 613042 POLYMER?
 16 OLIGOMR?
L10 613042 POLYMER? OR OLIGOMR?

=> s 19 and 110
L11 14123 L9 AND L10

=> s 11/ti
 353 SUNSCREEN?/TI
 1622 UV/TI
L12 1953 (SUNSCREEN?/TI OR UV/TI)

=> s 112 and 18
L13 236 L12 AND L8

=> s oil-in-water or water-in-oil
 512664 OIL
 1119032 WATER
 47692 OIL-IN-WATER
 (OIL(1W)WATER)
 1119032 WATER
 512664 OIL
 40107 WATER-IN-OIL
 (WATER(1W)OIL)
L14 66613 OIL-IN-WATER OR WATER-IN-OIL

=> s 113 and 114
L15 23 L13 AND L14

=> s metal oxide?
 1266594 METAL
 583046 OXIDE?
L16 116766 METAL OXIDE?
 (METAL(W)OXIDE?)

=> s 115 and 116
L17 17 L15 AND L16

=> s cosmetic?
L18 54191 COSMETIC?

=> s 117 and 118
L19 17 L17 AND L18

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=> d 1-17 ibib abs

L19 ANSWER 1 OF 17 USPATFULL on STN

ACCESSION NUMBER: 2004:88239 USPATFULL
TITLE: Photoprotective cosmetic compositions comprising inorganic UV-blocking agents
INVENTOR(S): Lennon, Paula, Lyon, FRANCE
Lorant, Raluca, Thiais, FRANCE
PATENT ASSIGNEE(S): SOCIETE L'OREAL S.A., Paris, FRANCE (non-U.S. corporation)

| | NUMBER | KIND | DATE |
|-----------------------|---|------|---------------|
| PATENT INFORMATION: | US 2004067208 | A1 | 20040408 |
| APPLICATION INFO.: | US 2003-618701 | A1 | 20030715 (10) |
| RELATED APPLN. INFO.: | Continuation of Ser. No. WO 2002-FR46, filed on 8 Jan 2002, UNKNOWN | | |

| | NUMBER | DATE |
|-----------------------|---|----------|
| PRIORITY INFORMATION: | FR 2001-484 | 20010115 |
| DOCUMENT TYPE: | Utility | |
| FILE SEGMENT: | APPLICATION | |
| LEGAL REPRESENTATIVE: | BURNS, DOANE, SWECKER & MATHIS, L.L.P., P.O. Box 1404, Alexandria, VA, 22313-1404 | |
| NUMBER OF CLAIMS: | 27 | |
| EXEMPLARY CLAIM: | 1 | |
| LINE COUNT: | 757 | |

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB Stable photoprotective cosmetic emulsions, notably water-in-oil emulsions well suited for the UV-photoprotection of the skin, lips, mucous membranes and/or hair, contain at least one aqueous phase, at least one oily phase, an effective UV-photoprotecting amount of at least one coated or uncoated metal oxide UV-blocking agent and an effective stabilizing amount of at least one amphiphilic oligomer or polymer derived from a polyolefin which also comprises at least one polar moiety, formulated into a physiologically acceptable medium therefor.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L19 ANSWER 2 OF 17 USPATFULL on STN

ACCESSION NUMBER: 2004:82280 USPATFULL
TITLE: Photoprotective sunscreen compositions comprising 1,3,5-triazine compounds and triesters of benenetricarboxylic acids
INVENTOR(S): Candau, Didier, Bievres, FRANCE
PATENT ASSIGNEE(S): SOCIETE L'OREAL S.A., Paris, FRANCE (non-U.S. corporation)

| | NUMBER | KIND | DATE |
|-----------------------|--|------|---------------|
| PATENT INFORMATION: | US 2004062729 | A1 | 20040401 |
| APPLICATION INFO.: | US 2003-621361 | A1 | 20030718 (10) |
| RELATED APPLN. INFO.: | Continuation of Ser. No. WO 2002-FR78, filed on 10 Jan 2002, UNKNOWN | | |

| | NUMBER | DATE |
|-----------------------|-------------|----------|
| PRIORITY INFORMATION: | FR 2001-750 | 20010119 |
| DOCUMENT TYPE: | Utility | |

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FILE SEGMENT: APPLICATION
LEGAL REPRESENTATIVE: BURNS, DOANE, SWECKER & MATHIS, L.L.P., P.O. Box 1404,
Alexandria, VA, 22313-1404
NUMBER OF CLAIMS: 32
EXEMPLARY CLAIM: 1
LINE COUNT: 963

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB Photoprotective cosmetic/dermatological compositions well suited for UV-photoprotecting the skin, lips, hair, eyelashes, eyebrows and/or nails against the damaging effects of UV radiation comprise (i) an effective UV-screening amount of at least one 1,3,5-triazine sunscreen, and (ii) an amount effective to solubilize the totality of said at least one triazine sunscreen (i) of at least one triester of a benzenetricarboxylic acid, formulated into (iii) a topically applicable, cosmetically/dermatologically acceptable carrier therefor.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L19 ANSWER 3 OF 17 USPATFULL on STN
ACCESSION NUMBER: 2004:64533 USPATFULL
TITLE: Benzophenone uv-absorbers with heterocyclic
substituents
INVENTOR(S): Reinehr, Dieter, Kandern, GERMANY, FEDERAL REPUBLIC OF
Sauter, Hanspeter, Schopfheim, GERMANY, FEDERAL
REPUBLIC OF
Riesterer, Sonja, Tegernau, GERMANY, FEDERAL REPUBLIC
OF

| | NUMBER | KIND | DATE |
|---------------------|-----------------|------|---------------|
| PATENT INFORMATION: | US 2004049052 | A1 | 20040311 |
| APPLICATION INFO.: | US 2003-433841 | A1 | 20030609 (10) |
| | WO 2001-EP14177 | | 20011204 |

| | NUMBER | DATE |
|-----------------------|---|----------|
| PRIORITY INFORMATION: | EP 2000-811176 | 20001212 |
| DOCUMENT TYPE: | Utility | |
| FILE SEGMENT: | APPLICATION | |
| LEGAL REPRESENTATIVE: | CIBA SPECIALTY CHEMICALS CORPORATION, PATENT DEPARTMENT, 540 WHITE PLAINS RD, P O BOX 2005, TARRYTOWN, NY, 10591-9005 | |

NUMBER OF CLAIMS: 22
EXEMPLARY CLAIM: 1
LINE COUNT: 1526

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB Compounds having the formula: wherein R1 represents hydrogen, C1-C20 alkyl which is unsubstituted or substituted by one or more ammonium, mono-, di-, tri or tetra-C1-C12 alkylammonium groups or by one or more sulphonium groups or represents an aralkyl residue having a total of from 7 to 10 carbon atoms and, in which, the aryl group is unsubstituted or substituted by C1-C4alkyl, C1-C4 alkoxy or halogen and Z is a group selected from R2, R3 and R4, independently, representing hydrogen, C1-C4alkyl, C1-C4 alkoxy, halogen, NHCO₁-C₄ alkyl or phenyl which is unsubstituted or substituted by C1-C4 alkyl, C1-C4 alkoxy or halogen, a process for their preparation and use of the compounds of formula (1) as UV-absorbers which have improved absorption spectrum characteristics, superior resistance to exposure to UV light and excellent thermal stability, relative to known benzophenone compounds.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

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L19 ANSWER 4 OF 17 USPATFULL on STN

ACCESSION NUMBER: 2004:18317 USPATFULL

TITLE: Heteroaryl substituted hydroxyphenyltriazine uv
-absorbers

INVENTOR(S): Reinehr, Dieter, Kandern, GERMANY, FEDERAL REPUBLIC OF
Sauter, Hanspeter, Schopfheim, GERMANY, FEDERAL
REPUBLIC OF
Zink, Rudolf, Therwil, SWITZERLAND

NUMBER KIND DATE

| | | | |
|---------------------|-----------------|----|---------------|
| PATENT INFORMATION: | US 2004013619 | A1 | 20040122 |
| APPLICATION INFO.: | US 2003-398040 | A1 | 20030331 (10) |
| | WO 2001-EP11078 | | 20010925 |

NUMBER DATE

| | | |
|-----------------------|----------------|----------|
| PRIORITY INFORMATION: | EP 2000-810909 | 20001003 |
|-----------------------|----------------|----------|

DOCUMENT TYPE: Utility

FILE SEGMENT: APPLICATION

LEGAL REPRESENTATIVE: CIBA SPECIALTY CHEMICALS CORPORATION, PATENT
DEPARTMENT, 540 WHITE PLAINS RD, P O BOX 2005,
TARRYTOWN, NY, 10591-9005

NUMBER OF CLAIMS: 19

EXEMPLARY CLAIM: 1

LINE COUNT: 1486

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB The present invention provides compounds having the formula (1) in which each of the radicals R._{sub.1}, R._{sub.2}, R._{sub.3} and R._{sub.4}, independently, represent hydrogen, hydroxy, halogen, C._{sub.1}-C._{sub.20}-alkyl, C._{sub.1}-C._{sub.20}-alkoxy, CN or COOR._{sub.5}, in which R._{sub.5} is C._{sub.1}-C._{sub.20}-alkyl and Z represents a heterocyclic residue selected from the 2H-benzo[1,2-d]triazol-2-yl, 2H-naphtho[1,2-d]triazol-2-yl, benzimidazol-2-yl, benzoxazol-2-yl and benzofuran-2-yl moieties, optionally substituted by C._{sub.1}-C._{sub.4}-alkyl, C._{sub.1}-C._{sub.4}-alkoxy, halogen or NHCO.C._{sub.1}-C._{sub.4}-alkyl, a process for their preparation, new intermediate benzoxazinones useful for their preparation and use of the compounds of formula (1) as UV-absorbers which have improved absorption spectrum characteristics, superior resistance to exposure to UV light and excellent thermal stability, relative to known triphenyltriazine compounds.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L19 ANSWER 5 OF 17 USPATFULL on STN

ACCESSION NUMBER: 2003:237286 USPATFULL

TITLE: Composition containing a dibenzoylmethane derivative
and an alpha-alkylstyrene dimer uv
stabilising method

INVENTOR(S): Forestier, Serge, Claye Souilly, FRANCE

NUMBER KIND DATE

| | | | |
|---------------------|----------------|----|---------------|
| PATENT INFORMATION: | US 2003165443 | A1 | 20030904 |
| APPLICATION INFO.: | US 2003-129483 | A1 | 20030319 (10) |
| | WO 2001-FR2655 | | 20010823 |

NUMBER DATE

| | | |
|-----------------------|---------------|----------|
| PRIORITY INFORMATION: | FR 2000-11304 | 20000905 |
|-----------------------|---------------|----------|

FR 2000-16791 20001221

DOCUMENT TYPE: Utility

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FILE SEGMENT: APPLICATION
LEGAL REPRESENTATIVE: BURNS DOANE SWECKER & MATHIS L L P, POST OFFICE BOX
1404, ALEXANDRIA, VA, 22313-1404
NUMBER OF CLAIMS: 24
EXEMPLARY CLAIM: 1
LINE COUNT: 823

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB The invention relates to a cosmetic or dermatological composition, for topical use, in particular for the photoprotection of skin and hair, characterized in that it comprises at least, in a cosmetically acceptable support:

(a) from 0.1 to 20% by weight of a UV screening agent of the dibenzoylmethane-based type and

(b) from 0.1 to 20% by weight of one specific α -alkylstyrene-based dimer.

The invention relates to a novel process for improving the stability of at least one dibenzoylmethane derivative towards UV radiation, which consists in combining with the said dibenzoylmethane derivative an effective amount of at least one specific α -alkylstyrene-based dimer.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L19 ANSWER 6 OF 17 USPATFULL on STN
ACCESSION NUMBER: 2003:225224 USPATFULL
TITLE: PHOTO STABLE ORGANIC SUNSCREEN COMPOUNDS WITH
ANTIOXIDANT PROPERTIES AND COMPOSITIONS OBTAINED
THEREFROM
INVENTOR(S): Chaudhuri, Ratan K., Lincoln Park, NJ, UNITED STATES
PATENT ASSIGNEE(S): EM Industries, Hawthorne, NY, 10532 (U.S. corporation)

| | NUMBER | KIND | DATE |
|-----------------------|---|------|---------------|
| PATENT INFORMATION: | US 2003157035 | A1 | 20030821 |
| APPLICATION INFO.: | US 2001-22343 | A1 | 20011220 (10) |
| DOCUMENT TYPE: | Utility | | |
| FILE SEGMENT: | APPLICATION | | |
| LEGAL REPRESENTATIVE: | MILLEN, WHITE, ZELANO & BRANIGAN, P.C., 2200 CLARENDON BLVD., SUITE 1400, ARLINGTON, VA, 22201 | | |
| NUMBER OF CLAIMS: | 33 | | |
| EXEMPLARY CLAIM: | 1 | | |
| LINE COUNT: | 961 | | |

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB A compound of formula I ##STR1##

wherein

A is a moiety which provides UV absorbing activity to the compound of formula I that comprises 1 divalent group or 2 monovalent groups, with at least one group having carbonyl (C.dbd.O) functionality. R.₆ is linear or branched C₁-C₈ alkyl and R₅ is a linear or branched C₁-C₈ alkyl or hydrogen. Sunscreen formulations which contain these compounds and methods for using these compounds to prepare formulations are also provided.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L19 ANSWER 7 OF 17 USPATFULL on STN
ACCESSION NUMBER: 2003:180244 USPATFULL

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TITLE: Dibenzoylmethane **sunscreen** compositions containing photostabilizing amounts of tri-substituted butane compounds

INVENTOR(S) : Candau, Didier, Bievres, FRANCE
Aubert, Fabien, Paris, FRANCE

| | NUMBER | KIND | DATE |
|---------------------|----------------|------|---------------|
| PATENT INFORMATION: | US 2003124071 | A1 | 20030703 |
| | US 6616919 | B2 | 20030909 |
| APPLICATION INFO.: | US 2002-228304 | A1 | 20020827 (10) |

| | NUMBER | DATE |
|-----------------------|--|----------|
| PRIORITY INFORMATION: | FR 2001-11139 | 20010827 |
| DOCUMENT TYPE: | Utility | |
| FILE SEGMENT: | APPLICATION | |
| LEGAL REPRESENTATIVE: | NORMAN H. STEPNO, ESQUIRE, BURNS, DOANE, SWECKER & MATHIS, L.L.P., P.O. Box 1404, Alexandria, VA, 22313-1404 | |
| NUMBER OF CLAIMS: | 25 | |
| EXEMPLARY CLAIM: | 1 | |
| LINE COUNT: | 824 | |

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB Improvedly photostable UV-photoprotecting **cosmetic** /dermatological compositions for the skin and/or the hair contain (a) a UV-photoprotective amount of at least one dibenzoylmethane sunscreen, e.g., 4-(tert-butyl)-4'-methoxydibenzoylmethane or 4-isopropyldibenzoylmethane, advantageously (a') a UV-photoprotective amount of at least one 1,3,5-triazine sunscreen, e.g., 2-[(p-(tert-butylamido)-4,6-bis[(p-(2'ethylhexyl-1'-oxycarbonyl)anilino]-1,3,5-triazine or 2,4,6-tris[p-(2'-ethylhexyl-1'-oxycarbonyl)anilino]-1,3,5-triazine, (b) an effective sunscreen photostabilizing amount of 1,1,1-tris(2-methyl-4-hydroxy-5-tert-butylphenyl) butane, formulated into (c) a topically applicable, **cosmetically** acceptable vehicle, diluent or carrier therefor.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L19 ANSWER 8 OF 17 USPATFULL on STN
ACCESSION NUMBER: 2003:158879 USPATFULL
TITLE: PHOTO STABLE ORGANIC **SUNSCREEN** COMPOUNDS WITH ANTIOXIDANT PROPERTIES AND COMPOSITIONS OBTAINED THEREFROM
INVENTOR(S): Chaudhuri, Ratan K., Lincoln Park, NJ, UNITED STATES
PATENT ASSIGNEE(S): EM Industries, Hawthorne, NY, 10532 (U.S. corporation)

| | NUMBER | KIND | DATE |
|-----------------------|--|------|--------------|
| PATENT INFORMATION: | US 2003108492 | A1 | 20030612 |
| | US 6602515 | B2 | 20030805 |
| APPLICATION INFO.: | US 2001-904904 | A1 | 20010716 (9) |
| DOCUMENT TYPE: | Utility | | |
| FILE SEGMENT: | APPLICATION | | |
| LEGAL REPRESENTATIVE: | MILLEN, WHITE, ZELANO & BRANIGAN, P.C., 2200 CLARENDON BLVD., SUITE 1400, ARLINGTON, VA, 22201 | | |
| NUMBER OF CLAIMS: | 33 | | |
| EXEMPLARY CLAIM: | 1 | | |
| NUMBER OF DRAWINGS: | 7 Drawing Page(s) | | |
| LINE COUNT: | 960 | | |

CAS INDEXING IS AVAILABLE FOR THIS PATENT.
AB A compound of formula I ##STR1##

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wherein

A is a moiety which provides UV absorbing activity to the compound of formula I that comprises 1 divalent group or 2 monovalent groups, with at least one group having carbonyl (C.dbd.O) functionality, and each R is independently linear or branched C.₁₋₈ alkyl. Sunscreen formulations which contain these compounds and methods using these compounds to prepare formulations are also provided.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L19 ANSWER 9 OF 17 USPATFULL on STN

ACCESSION NUMBER: 2003:78046 USPATFULL

TITLE: Insoluble organic UV screening agents of aryl vinylene ketone type, and cosmetic use thereof

INVENTOR(S): Richard, Herve, Villepinte, FRANCE

| NUMBER | KIND | DATE |
|--------|------|------|
|--------|------|------|

PATENT INFORMATION: US 2003053966 A1 20030320

APPLICATION INFO.: US 2002-191111 A1 20020710 (10)

| NUMBER | DATE |
|--------|------|
|--------|------|

PRIORITY INFORMATION: FR 2001-9634 20010718

DOCUMENT TYPE: Utility

FILE SEGMENT: APPLICATION

LEGAL REPRESENTATIVE: NIXON & VANDERHYE P.C., 8th Floor, 1100 North Glebe Rd., Arlington, VA, 22201-4714

NUMBER OF CLAIMS: 21

EXEMPLARY CLAIM: 1

LINE COUNT: 882

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB The invention relates to insoluble organic compounds containing one or more aryl vinylene ketone groups, for screening out UV radiation, in the form of fine particles with an average size of between 10 nm and 5 µm, and also to their use for protecting the skin, the hair or materials that are sensitive to UV radiation. The said compounds may be obtained by a process of grinding coarse particles in the presence of one or more suitable surfactants.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L19 ANSWER 10 OF 17 USPATFULL on STN

ACCESSION NUMBER: 2002:174780 USPATFULL

TITLE: UV-photostabilization of dibenzoylmethane sunscreens by compounding with micronized insoluble screening agents

INVENTOR(S): Candau, Didier, Bievres, FRANCE

PATENT ASSIGNEE(S): Pisson, Anne-Marie, Boussy St Antoine, FRANCE

Societe L'Oreal, Paris, FRANCE (non-U.S. corporation)

| NUMBER | KIND | DATE |
|--------|------|------|
|--------|------|------|

PATENT INFORMATION: US 6419908 B1 20020716

APPLICATION INFO.: US 2000-693887 20001023 (9)

| NUMBER | DATE |
|--------|------|
|--------|------|

PRIORITY INFORMATION: FR 1999-13222 19991022

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DOCUMENT TYPE: Utility
FILE SEGMENT: GRANTED
PRIMARY EXAMINER: Dodson, Shelley A.
LEGAL REPRESENTATIVE: Burns, Doane, Swecker & Mathis, L.L.P.
NUMBER OF CLAIMS: 31
EXEMPLARY CLAIM: 1
NUMBER OF DRAWINGS: 0 Drawing Figure(s); 0 Drawing Page(s)
LINE COUNT: 719

AB The UV-stability of the UV-photoprotecting dibenzoylmethane compounds is conspicuously enhanced, as is the UV-stability of cosmetic /dermatological sunscreen compositions comprised thereof, by formulating such dibenzoylmethane compounds with an effective UV-photostabilizing amount of at least one micronized insoluble organic UV-screening agent, the mean particle size of said micronized particles ranging from 0.01 to 2 μm .

L19 ANSWER 11 OF 17 USPATFULL on STN
ACCESSION NUMBER: 2002:167874 USPATFULL
TITLE: Emulsifier-free UV-photoprotecting emulsions comprising micronized insoluble screening agents
INVENTOR(S): Candau, Didier, Bievres, FRANCE
Pisson, Anne-Marie, Boussy St Antoine, FRANCE
PATENT ASSIGNEE(S): Societe L'Oreal, Paris, FRANCE (non-U.S. corporation)

| | NUMBER | KIND | DATE |
|---------------------|----------------|------|--------------|
| PATENT INFORMATION: | US 6416748 | B1 | 20020709 |
| APPLICATION INFO.: | US 2000-693894 | | 20001023 (9) |

| | NUMBER | DATE |
|-----------------------|--|----------|
| PRIORITY INFORMATION: | FR 1999-13221 | 19991022 |
| DOCUMENT TYPE: | Utility | |
| FILE SEGMENT: | GRANTED | |
| PRIMARY EXAMINER: | Dodson, Shelley A. | |
| LEGAL REPRESENTATIVE: | Burns, Doane, Swecker & Mathis, L.L.P. | |
| NUMBER OF CLAIMS: | 53 | |
| EXEMPLARY CLAIM: | 1 | |
| NUMBER OF DRAWINGS: | 0 Drawing Figure(s); 0 Drawing Page(s) | |
| LINE COUNT: | 1100 | |

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB Topically applicable, water-resistant but emulsifier-free cosmetic/dermatological emulsions well suited for the UV-photoprotection of human skin and/or hair contain (a) at least one aqueous phase and (b) at least one fatty phase, (c) an effective UV-photoprotecting amount of at least one micronized organic UV-screening agent insoluble therein, the mean particle size of such micronized particles ranging from 0.01 to 2 μm and (d) optionally, at least one crosslinked polymer of at least one ethylenically unsaturated monomer.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L19 ANSWER 12 OF 17 USPATFULL on STN
ACCESSION NUMBER: 2002:152187 USPATFULL
TITLE: UV-photoprotecting emulsions comprising micronized insoluble screening agents and associative polymers
INVENTOR(S): Candau, Didier, Bievres, FRANCE
Forestier, Serge, Claye Souilly, FRANCE
Pisson, Anne-Marie, Boussy St Antoine, FRANCE

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PATENT ASSIGNEE(S) : Societe L'Oreal, Paris, FRANCE (non-U.S. corporation)

| | NUMBER | KIND | DATE |
|---------------------|----------------|------|--------------|
| PATENT INFORMATION: | US 6409998 | B1 | 20020625 |
| APPLICATION INFO.: | US 2000-693889 | | 20001023 (9) |

| | NUMBER | DATE |
|-----------------------|--|----------|
| PRIORITY INFORMATION: | FR 1999-13220 | 19991022 |
| DOCUMENT TYPE: | Utility | |
| FILE SEGMENT: | GRANTED | |
| PRIMARY EXAMINER: | Dodson, Shelley A. | |
| LEGAL REPRESENTATIVE: | Burns, Doane, Swecker & Mathis, L.L.P. | |
| NUMBER OF CLAIMS: | 81 | |
| EXEMPLARY CLAIM: | 1 | |
| NUMBER OF DRAWINGS: | 0 Drawing Figure(s); 0 Drawing Page(s) | |
| LINE COUNT: | 1408 | |

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB Topically applicable, water-resistant cosmetic/dermatological emulsions well suited for the UV-photoprotection of human skin and/or hair contain an effective UV-photoprotecting amount of at least one micronized organic UV-screening agent insoluble therein, the mean particle size of such micronized particles ranging from 0.01 to 2 μm , and further containing at least one associative polymer which is characteristically other than a C₈-C₁₆ alkyl polyglucoside.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L19 ANSWER 13 OF 17 USPATFULL on STN
ACCESSION NUMBER: 2002:136538 USPATFULL
TITLE: UV-photoprotecting W/O emulsions comprising micronized insoluble screening agents & nonscreening oxyalkylenated silicones
INVENTOR(S): Candau, Didier, Bievres, FRANCE
Forestier, Serge, Claye Souilly, FRANCE
PATENT ASSIGNEE(S): Societe L'Oreal, Paris, FRANCE (non-U.S. corporation)

| | NUMBER | KIND | DATE |
|---------------------|----------------|------|--------------|
| PATENT INFORMATION: | US 6403061 | B1 | 20020611 |
| APPLICATION INFO.: | US 2000-693888 | | 20001023 (9) |

| | NUMBER | DATE |
|-----------------------|--|----------|
| PRIORITY INFORMATION: | FR 1999-9813219 | 19991022 |
| DOCUMENT TYPE: | Utility | |
| FILE SEGMENT: | GRANTED | |
| PRIMARY EXAMINER: | Dodson, Shelly A. | |
| LEGAL REPRESENTATIVE: | Burns, Doane, Swecker & Mathis, L.L.P. | |
| NUMBER OF CLAIMS: | 54 | |
| EXEMPLARY CLAIM: | 1 | |
| NUMBER OF DRAWINGS: | 0 Drawing Figure(s); 0 Drawing Page(s) | |
| LINE COUNT: | 1047 | |

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB Topically applicable, water-resistant cosmetic/dermatological water-in-oil (W/O) emulsions well suited for the UV-photoprotection of human skin and/or hair comprise (a) at least one aqueous phase and (b) at least one fatty phase, (c) an effective UV-photoprotecting amount of at least one micronized organic UV-screening agent insoluble therein, the mean particle size of such micronized particles ranging from 0.01 to 2 μm , and (d) at least one

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oxyalkylenated non-UV-screening organomodified silicone.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L19 ANSWER 14 OF 17 USPATFULL on STN
ACCESSION NUMBER: 2002:95345 USPATFULL
TITLE: Photoprotective/cosmetic compositions comprising aminoamidine sunscreens
INVENTOR(S): Breton, Philippe, Le Chesnay, FRANCE
PATENT ASSIGNEE(S): Societe l'Oreal S.A., Paris, FRANCE (non-U.S. corporation)

| | NUMBER | KIND | DATE |
|---------------------|----------------|------|--------------|
| PATENT INFORMATION: | US 6379655 | B1 | 20020430 |
| APPLICATION INFO.: | US 2000-722473 | | 20001128 (9) |

| | NUMBER | DATE |
|-----------------------|--|----------|
| PRIORITY INFORMATION: | FR 1999-14999 | 19991129 |
| DOCUMENT TYPE: | Utility | |
| FILE SEGMENT: | GRANTED | |
| PRIMARY EXAMINER: | Dodson, Shelley A. | |
| LEGAL REPRESENTATIVE: | Burns, Doane, Swecker & Mathis, L.L.P. | |
| NUMBER OF CLAIMS: | 23 | |
| EXEMPLARY CLAIM: | 1 | |
| NUMBER OF DRAWINGS: | 0 Drawing Figure(s); 0 Drawing Page(s) | |
| LINE COUNT: | 907 | |

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB Topically applicable sunscreen/cosmetic compositions well suited for the photoprotection of human skin and/or hair against the damaging effects of UV-irradiation, particularly solar radiation, comprise an effective UV-photoprotecting amount of at least one characteristically novel aminoamidine compound, advantageously having the structural formula (I): ##STR1##

formulated into a topically applicable, cosmetically acceptable vehicle, diluent or carrier therefor.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L19 ANSWER 15 OF 17 USPATFULL on STN
ACCESSION NUMBER: 2002:75618 USPATFULL
TITLE: Polyoxyalkylene substituted and bridged triazine, benzotriazole and benzophenone derivatives as UV absorbers
INVENTOR(S): Toan, Vien Van, Rheinfelden, SWITZERLAND
Valet, Andreas, Binzen, GERMANY, FEDERAL REPUBLIC OF
Hayoz, Pascal, Grolley, SWITZERLAND
PATENT ASSIGNEE(S): Ciba Specialty Chemicals Corporation, Tarrytown, NY, United States (U.S. corporation)

| | NUMBER | KIND | DATE |
|-----------------------|---|------|--------------|
| PATENT INFORMATION: | US 6369267 | B1 | 20020409 |
| APPLICATION INFO.: | US 2000-679231 | | 20001004 (9) |
| RELATED APPLN. INFO.: | Division of Ser. No. US 214859, now abandoned | | |

| | NUMBER | DATE |
|-----------------------|--------------|----------|
| PRIORITY INFORMATION: | CH 1996-1806 | 19960718 |
| DOCUMENT TYPE: | Utility | |

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FILE SEGMENT: GRANTED
PRIMARY EXAMINER: Raymond, Richard L.
ASSISTANT EXAMINER: Balasubramanian, Venkataraman
LEGAL REPRESENTATIVE: Hall, Luther A. R., Stevenson, Tyler A.
NUMBER OF CLAIMS: 7
EXEMPLARY CLAIM: 1
NUMBER OF DRAWINGS: 0 Drawing Figure(s); 0 Drawing Page(s)
LINE COUNT: 3381

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB Triazine, benzotriazole and benzophenone derivatives which are substituted or bridged with polyoxyalkylene groups, according to claim 1, and their use as UV absorbers, especially in photographic materials, in inks, including inkjet inks and printing inks, in transfer prints, in paints and varnishes, organic polymeric materials, plastics, rubber, glass, packaging materials, in sunscreens of cosmetic preparations and in skin protection compositions.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L19 ANSWER 16 OF 17 USPATFULL on STN
ACCESSION NUMBER: 2002:24330 USPATFULL
TITLE: Mono- and bis-benzotriazolyldihydroxybiaryl UV absorbers
INVENTOR(S): Valentine, Jr., Donald H., Ridgefield, CT, United States
Stephen, John F., Westchester, PA, United States
Sassi, Thomas P., Stamford, CT, United States
PATENT ASSIGNEE(S): Cytec Industries Inc., Stamford, CT, United States
(U.S. corporation)

| NUMBER | KIND | DATE |
|----------------|------|--------------|
| US 6344505 | B1 | 20020205 |
| US 1999-438754 | | 19991111 (9) |

PATENT INFORMATION:
APPLICATION INFO.:
DOCUMENT TYPE:
FILE SEGMENT:
PRIMARY EXAMINER:
LEGAL REPRESENTATIVE:
NUMBER OF CLAIMS:
EXEMPLARY CLAIM:
NUMBER OF DRAWINGS:
LINE COUNT:

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB Provided is a composition which contains a mono- or bis-benzotriazole compound, an N-oxide thereof, or a mixture of at least two of the preceding compounds. Representative bis-benzotriazole compounds include 3,3'-bis-(2H-benzotriazol-2-yl)-5,5'-di-tert-octyl-1,1'-biphenyl-2,2'-diols. Representative mono-benzotriazole compounds include 3-(2H-benzotriazol-2-yl)-5,5'-di-tert-octyl-1,1'-biphenyl-2,2'-diols. These mono- and bis-benzotriazole compounds are useful as stabilizers of degradable polymers against the degradative action of ultraviolet light. Also provided is a method of making these benzotriazole compounds by oxidative dimerization of the corresponding monomeric benzotriazole or by reductive cyclization of the corresponding azo- compound.

529/091

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L19 ANSWER 17 OF 17 USPATFULL on STN
ACCESSION NUMBER: 2001:182090 USPATFULL
TITLE: UV-photoprotecting sunscreen compositions comprising immixture of polyethylene/carboxylated polyethylene polymers

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INVENTOR(S) : Josso, Martin, Paris, France
Meurisse, Stephanie, St Prix, France

| | NUMBER | KIND | DATE |
|---------------------|----------------|------|--------------|
| PATENT INFORMATION: | US 2001031247 | A1 | 20011018 |
| | US 6372200 | B2 | 20020416 |
| APPLICATION INFO.: | US 2001-771661 | A1 | 20010130 (9) |

| | NUMBER | DATE |
|-----------------------|--------------|----------|
| PRIORITY INFORMATION: | FR 2000-1535 | 20000208 |

DOCUMENT TYPE:

FILE SEGMENT:

LEGAL REPRESENTATIVE: Norman H. Stepno, Esquire, BURNS, DOANE, SWECKER & MATHIS, L.L.P., P.O. Box 1404, Alexandria, VA, 22313-1404

NUMBER OF CLAIMS: 26

EXEMPLARY CLAIM: 1

LINE COUNT: 674

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB Topically applying cosmetic/dermatological compositions well suited for both effective and SPF-enhanced UV-photoprotection of human skin and/or hair contain (a) an effective UV-photoprotecting amount of at least one UV-A and/or UV-B sunscreen and (b) an amount of immixture of ethylene polymers effective to enhance the SPF value of said at least one UV-A and/or UV-B sunscreen (a), said immixture of ethylene polymers (b) comprising (i) at least one carboxylated polyethylene and (ii) at least one polyethylene, formulated into a topically applicable, cosmetically/dermatologically acceptable vehicle, diluent or carrier therefor, advantageously formulated as an oil-in-water emulsion.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

=> d his

(FILE 'HOME' ENTERED AT 12:39:36 ON 17 MAY 2004)

FILE 'USPATFULL' ENTERED AT 12:39:44 ON 17 MAY 2004

L1 141782 S SUNSCREEN? OR UV
L2 0 S US518517/PN
L3 1 S US5518517/PN
L4 1 S US5858055/PN
L5 1 S US5129972/PN
L6 1 S US4919179/PN
L7 141782 S SUNSCREEN? OR UV
L8 84535 S POLYOLEFIN?
L9 14898 S L7 AND L8
L10 613042 S POLYMER? OR OLIGOMER?
L11 14123 S L9 AND L10
L12 1953 S L1/TI
L13 236 S L12 AND L8
L14 66613 S OIL-IN-WATER OR WATER-IN-OIL
L15 23 S L13 AND L14
L16 116766 S METAL OXIDE?
L17 17 S L15 AND L16
L18 54191 S COSMETIC?
L19 17 S L17 AND L18

=> s amphiphilic(p)18

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L20 6027 AMPHIPHILIC
 53 AMPHIPHILIC(P)L8

=> s l20 and l19
L21 1 L20 AND L19

=> d 1 ibib abs

L21 ANSWER 1 OF 1 USPATFULL on STN
ACCESSION NUMBER: 2004:88239 USPATFULL
TITLE: Photoprotective **cosmetic** compositions comprising inorganic UV-blocking agents
INVENTOR(S): Lennon, Paula, Lyon, FRANCE
 Lorant, Raluca, Thiais, FRANCE
PATENT ASSIGNEE(S): SOCIETE L'OREAL S.A., Paris, FRANCE (non-U.S. corporation)

| | NUMBER | KIND | DATE |
|-----------------------|---|------|---------------|
| PATENT INFORMATION: | US 2004067208 | A1 | 20040408 |
| APPLICATION INFO.: | US 2003-618701 | A1 | 20030715 (10) |
| RELATED APPLN. INFO.: | Continuation of Ser. No. WO 2002-FR46, filed on 8 Jan 2002, UNKNOWN | | |

| | NUMBER | DATE |
|-----------------------|---|----------|
| PRIORITY INFORMATION: | FR 2001-484 | 20010115 |
| DOCUMENT TYPE: | Utility | |
| FILE SEGMENT: | APPLICATION | |
| LEGAL REPRESENTATIVE: | BURNS, DOANE, SWECKER & MATHIS, L.L.P., P.O. Box 1404, Alexandria, VA, 22313-1404 | |
| NUMBER OF CLAIMS: | 27 | |
| EXEMPLARY CLAIM: | 1 | |
| LINE COUNT: | 757 | |

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB Stable photoprotective **cosmetic** emulsions, notably **water-in-oil** emulsions well suited for the UV-photoprotection of the skin, lips, mucous membranes and/or hair, contain at least one aqueous phase, at least one oily phase, an effective UV-photoprotecting amount of at least one coated or uncoated **metal oxide** UV-blocking agent and an effective stabilizing amount of at least one **amphiphilic** oligomer or polymer derived from a **polyolefin** which also comprises at least one polar moiety, formulated into a physiologically acceptable medium therefor.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.